



United States  
Department of  
Agriculture

Forest  
Service

Southwestern Region  
Forest Health  
Arizona Zone Office

2500 S. Pine Knoll Drive  
Flagstaff, AZ 86001-6381  
FAX (928) 556-2130  
Voice (928) 556-2073

File Code: 3410  
Route To:

Date: February 11, 2002

Subject: 2001 Aerial Detection Survey on the San Carlos Indian Reservation

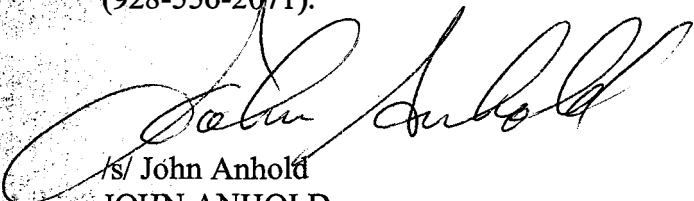
To: Area Director, Bureau of Indian Affairs, Phoenix Area Office

The annual forest insect and disease detection survey was conducted over the San Carlos Indian Reservation on July 25, 2001. This letter will serve as a summary of the insect and disease conditions recorded during those flights.

An increase in bark beetle activity was mapped in 2001. A total of 25,378 acres had bark beetle-related tree mortality in 2001, compared to 421 acres in 2000. This activity was attributed to *Ips* spp. (25,336 acres) and western pine beetle (41 acres) and one acre of pinyon *Ips*. Much of the *Ips* activity was concentrated on the Mogollon Rim and in the Dry Lake area. The mortality was clustered in pockets of 1 to 25 trees. No aspen defoliation was recorded in 2001. Defoliation was recorded on 78 acres in 2000. Fire covered 15 acres, northeast of Bloody Basin Tank.

Electronic format copies of the map files and data are available to the Area Office, Bureau of Indian Affairs staff and San Carlos Tribal Forestry for use on projects where this information would be of value. Hard copy maps will be sent when they become available. Please forward this letter to the appropriate personnel.

If you have any questions regarding this survey, the data in this letter, or to check on the availability of the maps, please feel free to contact Bobbe Fitzgibbon, <mailto:bfitzgibbon@fs.fed.us> (928-556-2072) or Steve Dudley <mailto:sdudley@fs.fed.us> (928-556-2071).

  
/s/ John Anhold  
JOHN ANHOLD  
Arizona Zone Leader  
Forest Health

cc:  
llucero  
dlparker01  
janhold  
dallenreid  
bfitzgibbon



## San Carlos Tribal Forestry